

Converting Colors

`RYB(155, 185, 125)`

Have a look what the booklet for
RYB(155, 185, 125) contains.

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Color

R_YB(155, 185, 125)

Conversions

Conversions Part 1

Format	Color
Hex	B9A57D
RGB	185, 165, 125
RGB Percent	73%, 65%, 49%
CMY	0.2745, 0.3529, 0.5098
CMYK	0.00, 0.11, 0.32, 0.27
HSL	40°, 30%, 61%
HSV	40°, 32%, 73%
XYZ	37.1644, 38.7052, 24.9141
YIQ	166.4200, 24.7600, -8.2000

Conversions

Conversions Part 2

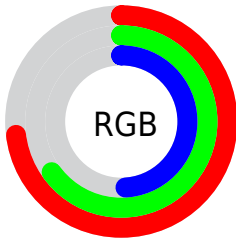
Format	Color
R _{YB}	155, 185, 125
Decimal	12166525
CIE Lab	68.54, 1.24, 23.43
CIE LCh	69, 23.459, 86.975
Yxy	38.7052, 0.3688, 0.3840
Android (android.graphics.Color)	4290356605 (0xFFB9A57D)
YUV	166.4200, -20.4201, 16.2947
Hunter-Lab	62.2135, -2.2434, 19.8061

Details

The RYB color **155, 185, 125** is a light color, and the websafe version is hex **999966**. A complement of this color would be **125, 140, 185**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **212, 242, 178**, and **103, 131, 76** is the 20% darker color. If you saturate the color by 10%, you get **145, 185, 106**, and if you desaturate by 10%, it is **165, 185, 144**.

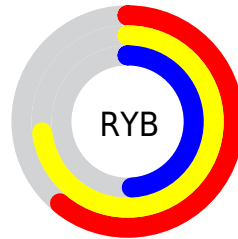
Distribution



Red (73%)

Green (65%)

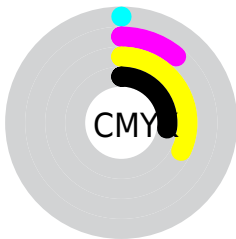
Blue (49%)



Red (61%)

Yellow (73%)

Blue (49%)

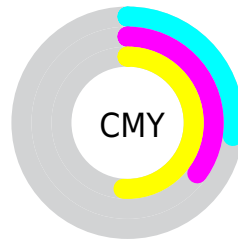


Cyan (0%)

Magenta (11%)

Yellow (32%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 185, 125 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 155, 185, 125 by changing the saturation by 10% instead.

 155, 185, 125


255, 255, 255

 212, 242, 178


 213, 255, 205

 234, 255, 234

 155, 185, 125

 128, 158, 100

 103, 131, 76

 76, 105, 53

 51, 80, 31

 24, 56, 8

 16, 34, 0

 0, 0, 0

 155, 185, 125

 145, 185, 106

 155, 185, 125


 165, 185, 144

 136, 185, 88


 174, 185, 162

 126, 185, 69


 182, 185, 181

 119, 185, 51


 185, 189, 199

 110, 185, 33

 185, 193, 218

 100, 185, 14

 185, 198, 236

 93, 185, 0

 185, 202, 254

 185, 206, 255

 185, 208, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



202, 173, 132



155, 185, 125



129, 172, 139

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



155, 185, 125



106, 144, 186



193, 156, 191

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



155, 185, 125



125, 140, 185

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



168, 162, 205



155, 185, 125



114, 150, 202

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



155, 185, 125



117, 152, 179



139, 160, 209



207, 152, 170

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



155, 185, 125



138, 175, 167



139, 160, 209



185, 158, 196

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



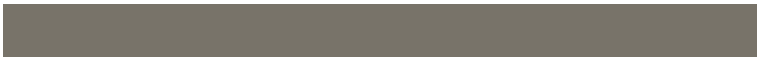
155, 185, 125



228, 240, 216



185, 125, 145



113, 120, 105



247, 247, 247



120, 120, 120

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



155, 185, 125



192, 240, 146



125, 185, 135



88, 92, 83



78, 156, 0



13, 28, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



125, 140, 185



146, 169, 240



135, 125, 185



83, 85, 92



0, 39, 156



0, 7, 28

Previews

White Background



This preview shows how the RYB color 155, 185, 125 looks on a white background.

Color Contrast Check

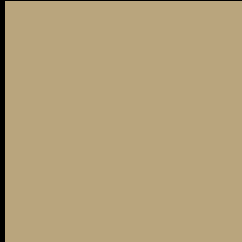
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 155, 185, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

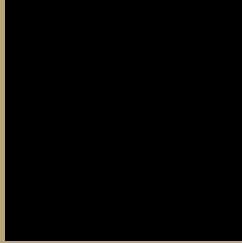
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 155, 185, 125 Background



This preview shows how black text looks on a background with the RYB color 155, 185, 125.



This preview shows how white text looks on a background with the RYB color 155, 185, 125.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
155, 185, 125

Protanopia
142, 179, 126

Deuteranopia
197, 191, 126



Tritanopia
190, 159, 171

Trichromacy



Original Color

155, 185, 125

Protanomaly

147, 181, 126

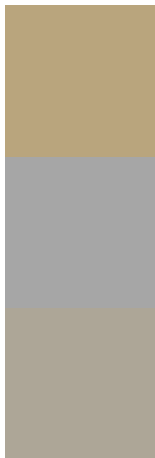
Deuteranomaly

184, 193, 126

Tritanomaly

188, 163, 154

Monochromacy



Original Color

155, 185, 125

Achromatopsia

166, 166, 166

Achromatomaly

161, 173, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 185, 125 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(185, 165, 125)` looks like.

```
.text, #text, p{  
    color:rgb(185, 165, 125)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(185, 165, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 165, 125) }
```

Border

The CSS property to change the border of an element to RYB 155, 185, 125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

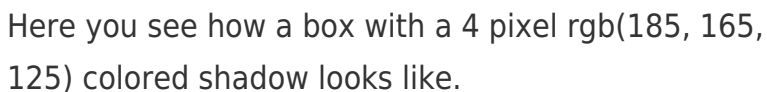
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 165, 125) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(185, 165, 125) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(185, 165, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 165, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 165, 125); box-shadow:4px 4px 4px 4px rgb(185, 165, 125) }
```

Background

The CSS property to change the background color of an element to RYB 155, 185, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 165, 125) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(185,  
165, 125) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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